

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:

Eugene I. CHONG et al.

Application No. TBD

Filed: March 2, 2004

Art Unit: TBD

Examiner: TBD

For: SUPPORTING B+ TREE INDEXES ON PRIMARY B+ TREE STRUCTURES WITH  
LARGE PRIMARY KEYS

**INFORMATION DISCLOSURE STATEMENT**

Box IDS  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Sir:

For insuring compliance with the applicant's duty of disclosure under 37 CFR § 1.56, the undersigned hereby submits the documents listed on the attached Form PTO-1449 for consideration by the Examiner in charge of the above-identified patent application.

☐ U.S. patent applications which the applicant considers to be related to the above-identified application are as follows:

☐ A concise explanation of the relevance of the non-English language references is attached:

☐ The relevance of the references is indicated on the enclosed copy of the Search Report for the priority application.

These documents are being submitted (check only one of the next four boxes):

- ☒ within three months of the filing of the above U.S. national application or of the date of entry of the U.S. national stage in an International Patent Application (no fee is due);
- ☐ before receiving a first Office Action on the merits of the above-identified patent application; or before receiving a first Office Action after filing of a Request for Continued Examination (no fee is due);
- ☐ following receipt of a first Office Action, but before issuance of a Final Office Action or a Notice of Allowance (if this box is checked, one of the last three boxes also must be checked);

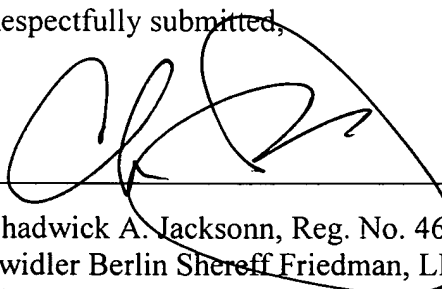
OR

- ☐ following receipt of a Notice of Allowance or a Final Office Action (if this box is checked, the next box and one of the last two boxes also must be checked).
- ☐ The Commissioner is hereby authorized to charge Deposit Account 19-5127, in the amount of \$180.00 for payment of the fee set forth in 37 CFR § 1.17(p).
- ☐ The undersigned certifies that each item of this information is being submitted within three months of the date it was cited by a foreign patent office in a counterpart application.
- ☐ The undersigned certifies that, after making reasonable inquiry, he/she has no knowledge that any item of this information was cited by a foreign patent office in a counterpart application or was known more than three months prior to this submission.

The Commissioner is hereby authorized to charge payment of any deficiency in the above fee(s) or to charge any additional fees required under 37 CFR § 1.16 or 1.17 or credit any overpayment to Deposit Account No. 19-5127.

Respectfully submitted,

Date: March 2, 2004

  
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**FORM PTO-1449**

Attorney Docket:

19111.0143

Application No.:

TBD

**INFORMATION DISCLOSURE CITATION**

Applicants:

Eugene I. Chong, et al.

Examiner:

TBD

Filing Date:

March 2, 2004

Group Art Unit:

TBD

**U.S. PATENT DOCUMENTS**

EXAMINER INITIAL	REF. NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS
	AA	5,363,098	11/08/94	Antoshkov		
	AB	5,852,822	12/22/98	Srinivasan et al.		
	AC	5,893,104	04/06/99	Srinivasan et al.		
	AD	6,266,660	07/2001	Liu et al.		
	AE	6,349,308	02/2002	Whang et al.		
	AF					

**FOREIGN PATENT DOCUMENTS**

	REF. NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	CA						
	CB						
	CC						
	CD						
	CE						
	CF						
	CG						
	CH						
	CI						
	CJ						

**OTHER REFERENCES**

	REF. NO.	AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
	CK	Spatial Quadtree Indexing, Oracle Spatial User's Guide and Reference for Oracle Release 8.1.6, December 1999
	CL	
	CM	
	CN	
	CO	
	CP	
	CQ	
	CR	
	CS	
	CT	
	CU	
	CV	
	CW	
	CX	
	CY	
	CZ	

Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP §609.

Draw line through citation if not in conformance and not considered.

Include copy of this form with next communication to Application